

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number
WO 03/104909 A1

(51) International Patent Classification⁷: G05D 1/03,
A01D 34/00

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(21) International Application Number: PCT/SE03/00917

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(22) International Filing Date: 3 June 2003 (03.06.2003)

(25) Filing Language: Swedish

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
0201740-8 7 June 2002 (07.06.2002) SE

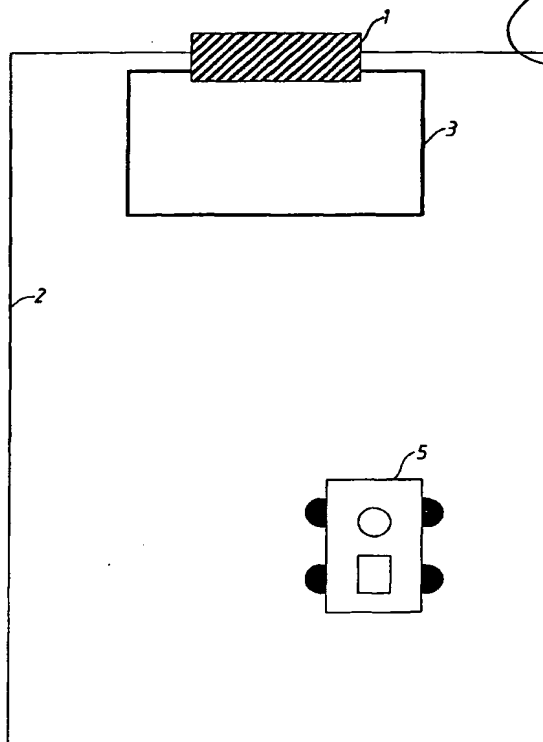
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(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
[Continued on next page]

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(54) Title: ELECTRONIC DIRECTING SYSTEM



(57) Abstract: The present invention relates to an arrange-
ment and an electronic navigational control system for a self-
propelling device (5), preferably a lawn-mowing robot. The
system comprises at least one navigational control system (3)
connected to at least one signal generator (1) and a sensing
unit arranged at the self-propelling device (5). The sensing
unit senses at least one, in the air medium propagating, time
and space varying magnetic field, at least transmitted via the
navigational control station (3) and in turn retransmits at least
one signal processed by the unit to at least one driving source
which contributes to the device's movements across the sur-
face. The system comprises means by which the signal gener-
ator (1) sends a current through the navigational control station
(3), the current generating the time and space varying mag-
netic field, whereby the sensing unit comprises means by which the
device (5) is manoeuvred based on the properties of the sensed
magnetic field.

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